

Compound	Common Name/ Trade Name	Company	Reference	Dosage
	586;			commenced every 28 days.
	gemcitabine	Eli Lilly	US 4526988	
N-(4-((2,4-diamino-6-pteridinyl)methyl)methylamino)benzoyl)-L-glutamic acid	methotrexate iv, Hyal; HA + methotrexate, Hyal; methotrexate iv, HTT Technolog;	Hyal Pharmaceutical; American Home Products; Lederle	US 2512572	trophoblastic diseases: 15 to 30 mg/d orally or intramuscularly in a five-day course (repeated 3 to 5 times as needed)
Luteinizing hormone-releasing factor (pig), 6-[3-(2-naphthalenyl)-D-alanine]-	nafarelin	Roche	EP 21234	
	pentostatin; CI-825; DCF; deoxycoformycin; Nipent; NSC-218321; Oncopent;	Warner-Lambert	US 3923785	
Ethanamine, 2-[4-(4-chloro-1,2-diphenyl-1-butenyl)phenoxy]-N,N-dimethyl-, (Z)-	toremifene; FARESTON®	Orion Pharma	EP 95875	60 mg/d

A second family of antineoplastic agents which may be used in combination with the present invention consists of alkylating-type antineoplastic agents. The alkylating agents are believed to act by alkylating and cross-linking guanine and possibly other bases in DNA, arresting cell division. Typical alkylating agents include nitrogen mustards, ethyleneimine compounds, alkyl sulfates, cisplatin, and various nitrosoureas. A disadvantage with these compounds is that they not only attack malignant cells, but also other cells which are naturally dividing, such as those of bone marrow, skin, gastro-intestinal mucosa, and fetal tissue. Suitable alkylating-type antineoplastic agents that may be used in the present invention include, but are not limited to, Shionogi 254-S, aldo-phosphamide analogues, altretamine, anaxirone, Boehringer Mannheim BBR-2207, bestrabucil, budotitane, Wakunaga CA-102, carboplatin, carmustine (BiCNU), Chinoin-139, Chinoin-153, chlorambucil, cisplatin, cyclophosphamide, American Cyanamid CL-286558, Sanofi CY-233, cyplatate, dacarbazine, Degussa D-19-384, Sumimoto DACHP(Myrr)2, diphenylspiromustine, diplatinum cytostatic, Erba distamycin derivatives, Chugai DWA-2114R, ITI E09, elmustine, Erbamont FCE-24517, estramustine phosphate sodium, etoposide phosphate, fotemustine, Unimed G-6-M, Chinoin GYKI-17230, hepsul-fam, ifosfamide, iproplatin, lomustine, mafosfamide, mitolactol, mycophenolate, Nippon Kayaku NK-121, NCI NSC-264395, NCI NSC-342215, oxaliplatin, Upjohn PCNU, prednimustine, Proter PTT-119, ranimustine, semustine, SmithKline SK&F-101772, thiotepa, Yakult Honsha SN-22, spiromustine, Tanabe

Seiyaku TA-077, tauromustine, temozolomide, teroxirone, tetraplatin and trimelamol.

Preferred alkylating agents that may be used in the present invention include, but are not limited to, those
5 identified in Table No. 4, below.

Table No. 4. Alkylating agents

Compound	Common Name/ Trade Name	Company	Reference	Dosage
Platinum, diammine[1,1-cyclobutanedicarboxylato(2-)]-, (SP-4-2)-	carboplatin; PARAPLATIN®	Johnson Matthey	US 4657927. US 4140707.	360 mg/m ² (squared) I.V. on day 1 every 4 weeks.
Carmustine, 1,3-bis (2-chloroethyl)-1-nitrosourea	BiCNU®	Ben Venue Laboratories, Inc.	JAMA 1985; 253 (11): 1590-1592.	Preferred: 150 to 200 mg/m ² every 6 wks.
	etoposide phosphate	Bristol-Myers Squibb	US 4564675	
	thiotepa			
Platinum, diamminedichloro-, (SP-4-2)-	cisplatin; PLATINOL-AQ	Bristol-Myers Squibb	US 4177263	
dacarbazine	DTIC Dome	Bayer		2 to 4.5mg/kg/day for 10 days; 250mg/square meter body surface/day I.V. for 5 days every 3 weeks
ifosfamide	IFEX	Bristol-Meyers		4-5 g/m ² (square)